

(FILE 'HOME' ENTERED AT 12:17:43 ON 04 MAY 2009)

FILE 'MEDLINE' ENTERED AT 12:18:30 ON 04 MAY 2009

L1 2626 S (BAUMGARTEN, B.? OR BAUMGARTEN B.?)/AU OR (JONES, C.?
OR JONE
L2 44 S GPR4
L3 0 S L1 AND L2
L4 10 S L2 AND PROTON-SENSING
L5 0 S GPR4 LIGAND?

=> d L4 1-10

L4 ANSWER 1 OF 10 MEDLINE on STN
AN 2007567486 MEDLINE
DN PubMed ID: 17720533
TI Nociceptors of dorsal root ganglion express proton-
sensing G-protein-coupled receptors.
AU Huang Chia-Wei; Tzeng Jian-Ning; Chen Ying-Ju; Tsai Wei-Fen; Chen
Chih-Cheng; Sun Wei-Hsin
CS Department of Life Sciences, National Central University, JungLi,
Taiwan.
SO Molecular and cellular neurosciences, (2007 Oct) Vol. 36, No. 2,
pp.
195-210. Electronic Publication: 2007-07-24.
Journal code: 9100095. ISSN: 1044-7431.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
(RESEARCH SUPPORT, NON-U.S. GOV'T)
LA English
FS Priority Journals
EM 200801
ED Entered STN: 25 Sep 2007
Last Updated on STN: 10 Jan 2008
Entered Medline: 9 Jan 2008

L4 ANSWER 2 OF 10 MEDLINE on STN
AN 2007370426 MEDLINE
DN PubMed ID: 17462861
TI Previously postulated "ligand-independent" signaling of GPR4 is
mediated through proton-sensing mechanisms.
AU Tobo Masayuki; Tomura Hideaki; Mogi Chihiro; Wang Ju-Qiang; Liu
Jin-Peng;
Komachi Mayumi; Damirin Alatangaole; Kimura Takao; Murata Naoya;
Kurose
Hitoshi; Sato Koichi; Okajima Fumikazu
CS Laboratory of Signal Transduction, Institute for Molecular and
Cellular
Regulation, Gunma University, 3-39-15 Showa-machi, Maebashi 371-
8512,
Japan.
SO Cellular signalling, (2007 Aug) Vol. 19, No. 8, pp. 1745-53.
Electronic
Publication: 2007-03-30.
Journal code: 8904683. ISSN: 0898-6568.
CY England: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
(RESEARCH SUPPORT, NON-U.S. GOV'T)

LA English
 FS Priority Journals
 EM 200709
 ED Entered STN: 26 Jun 2007
 Last Updated on STN: 13 Sep 2007
 Entered Medline: 12 Sep 2007

L4 ANSWER 3 OF 10 MEDLINE on STN
 AN 2006682551 MEDLINE
 DN PubMed ID: 17118800
 TI Receptors for protons or lipid messengers or both?.
 AU Seuwen Klaus; Ludwig Marie-Gabrielle; Wolf Romain M
 CS Novartis Institutes for Biomedical Research, Basel, Switzerland..
 klaus.seuwen@novartis.com
 SO Journal of receptor and signal transduction research, (2006) Vol.
 26, No.
 5-6, pp. 599-610. Ref: 35
 Journal code: 9509432. ISSN: 1079-9893.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 General Review; (REVIEW)
 LA English
 FS Priority Journals
 EM 200703
 ED Entered STN: 25 Nov 2006
 Last Updated on STN: 7 Mar 2007
 Entered Medline: 6 Mar 2007

L4 ANSWER 4 OF 10 MEDLINE on STN
 AN 2005616054 MEDLINE
 DN PubMed ID: 16297340
 TI Two ligands for a GPCR, proton vs lysolipid.
 AU Im Dong-Soon
 CS Laboratory of Pharmacology and Research Institute of Drug
 Development,
 College of Pharmacy, Pusan National University, Busan 609-735,
 Republic of
 Korea.. imds@pusan.ac.kr
 SO Acta pharmacologica Sinica, (2005 Dec) Vol. 26, No. 12, pp. 1435-
 41. Ref:
 53
 Journal code: 100956087. ISSN: 1671-4083.
 CY China
 DT Journal; Article; (JOURNAL ARTICLE)
 (RESEARCH SUPPORT, NON-U.S. GOV'T)
 General Review; (REVIEW)
 LA English
 FS Priority Journals
 EM 200709
 ED Entered STN: 22 Nov 2005
 Last Updated on STN: 20 Dec 2005
 Entered Medline: 4 Sep 2007

L4 ANSWER 5 OF 10 MEDLINE on STN
 AN 2005538736 MEDLINE
 DN PubMed ID: 16087674

TI Prostaglandin I(2) production and cAMP accumulation in response to
 acidic
 extracellular pH through OGR1 in human aortic smooth muscle cells.
 AU Tomura Hideaki; Wang Ju-Qiang; Komachi Mayumi; Damirin Alatangaole;
 Mogi
 Chihiro; Tobo Masayuki; Kon Junko; Misawa Norihiko; Sato Koichi;
 Okajima
 Fumikazu
 CS Laboratory of Signal Transduction, Institute for Molecular and
 Cellular
 Regulation, Gunma University, Maebashi 371-8512, Japan..
 tomurah@showa.gunma-u.ac.jp
 SO The Journal of biological chemistry, (2005 Oct 14) Vol. 280, No.
 41, pp.
 34458-64. Electronic Publication: 2005-08-08.
 Journal code: 2985121R. ISSN: 0021-9258.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 (RESEARCH SUPPORT, NON-U.S. GOV'T)
 LA English
 FS Priority Journals
 EM 200512
 ED Entered STN: 12 Oct 2005
 Last Updated on STN: 18 Dec 2005
 Entered Medline: 13 Dec 2005

 L4 ANSWER 6 OF 10 MEDLINE on STN
 AN 2005483260 MEDLINE
 DN PubMed ID: 16014326
 TI Proton-sensing and lysolipid-sensitive
 G-protein-coupled receptors: a novel type of multi-functional
 receptors.
 AU Tomura Hideaki; Mogi Chihiro; Sato Koichi; Okajima Fumikazu
 CS Laboratory of Signal Transduction, Institute for Molecular and
 Cellular
 Regulation, Gunma University, 3-39-15 Showa-machi, Maebashi 371-
 8512,
 Japan.
 SO Cellular signalling, (2005 Dec) Vol. 17, No. 12, pp. 1466-76. Ref:
 87
 Journal code: 8904683. ISSN: 0898-6568.
 CY England: United Kingdom
 DT Journal; Article; (JOURNAL ARTICLE)
 (RESEARCH SUPPORT, NON-U.S. GOV'T)
 General Review; (REVIEW)
 LA English
 FS Priority Journals
 EM 200610
 ED Entered STN: 13 Sep 2005
 Last Updated on STN: 15 Dec 2005
 Entered Medline: 4 Oct 2006

 L4 ANSWER 7 OF 10 MEDLINE on STN
 AN 2005118884 MEDLINE
 DN PubMed ID: 15618224
 TI Identification of T cell death-associated gene 8 (TDAG8) as a novel
 acid

sensing G-protein-coupled receptor.

AU Ishii Satoshi; Kihara Yasuyuki; Shimizu Takao
 CS Department of Biochemistry and Molecular Biology, Faculty of
 Medicine, the
 University of Tokyo, Hongo, Bunkyo-ku, Tokyo 113-0033, Japan..
 mame@m.u-tokyo.ac.jp

SO The Journal of biological chemistry, (2005 Mar 11) Vol. 280, No.
 10, pp.
 9083-7. Electronic Publication: 2004-12-23.
 Journal code: 2985121R. ISSN: 0021-9258.

CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 (RESEARCH SUPPORT, NON-U.S. GOV'T)
 LA English
 FS Priority Journals
 EM 200504
 ED Entered STN: 8 Mar 2005
 Last Updated on STN: 20 Apr 2005
 Entered Medline: 19 Apr 2005

L4 ANSWER 8 OF 10 MEDLINE on STN
 AN 2004531048 MEDLINE
 DN PubMed ID: 15326175
 TI TDAG8 is a proton-sensing and psychosine-sensitive
 G-protein-coupled receptor.

AU Wang Ju-Qiang; Kon Junko; Mogi Chihiro; Tobo Masayuki; Damirin
 Alatangaale; Sato Koichi; Komachi Mayumi; Malchinkhuu Enkhzol;
 Murata
 Naoya; Kimura Takao; Kuwabara Atsushi; Wakamatsu Kaori; Koizumi
 Hideki;
 Uede Toshimitsu; Tsujimoto Gozoh; Kurose Hitoshi; Sato Takashi;
 Harada
 Akihiro; Misawa Norihiko; Tomura Hideaki; Okajima Fumikazu

CS Laboratory of Signal Transduction and Department of Cell Biology,
 Institute for Molecular and Cellular Regulation, Gunma University,
 Maebashi 371-8512, Japan.

SO The Journal of biological chemistry, (2004 Oct 29) Vol. 279, No.
 44, pp.
 45626-33. Electronic Publication: 2004-08-23.
 Journal code: 2985121R. ISSN: 0021-9258.

CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 (RESEARCH SUPPORT, NON-U.S. GOV'T)
 LA English
 FS Priority Journals
 EM 200411
 ED Entered STN: 26 Oct 2004
 Last Updated on STN: 19 Dec 2004
 Entered Medline: 30 Nov 2004

L4 ANSWER 9 OF 10 MEDLINE on STN
 AN 2004519706 MEDLINE
 DN PubMed ID: 15280385
 TI G2A is a proton-sensing G-protein-coupled receptor
 antagonized by lysophosphatidylcholine.

AU Murakami Naoka; Yokomizo Takehiko; Okuno Toshiaki; Shimizu Takao

CS Department of Biochemistry, Faculty of Medicine, The University of
 Tokyo,
 Hongo 7-3-1, Bunkyo-ku, Tokyo 113-0033, Japan.
 SO The Journal of biological chemistry, (2004 Oct 8) Vol. 279, No. 41,
 pp.
 42484-91. Electronic Publication: 2004-07-27.
 Journal code: 2985121R. ISSN: 0021-9258.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 (RESEARCH SUPPORT, NON-U.S. GOV'T)
 LA English
 FS Priority Journals
 EM 200411
 ED Entered STN: 20 Oct 2004
 Last Updated on STN: 19 Dec 2004
 Entered Medline: 24 Nov 2004

L4 ANSWER 10 OF 10 MEDLINE on STN
 AN 2003415851 MEDLINE
 DN PubMed ID: 12955148
 TI Proton-sensing G-protein-coupled receptors.
 AU Ludwig Marie-Gabrielle; Vanek Miroslava; Guerini Danilo; Gasser
 Jurg A;
 Jones Carol E; Junker Uwe; Hofstetter Hans; Wolf Romain M; Seuwen
 Klaus
 CS Novartis Institutes for Biomedical Research, CH-4002 Basel,
 Switzerland.
 SO Nature, (2003 Sep 4) Vol. 425, No. 6953, pp. 93-8.
 Journal code: 0410462. E-ISSN: 1476-4687.
 CY England: United Kingdom
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 200309
 ED Entered STN: 5 Sep 2003
 Last Updated on STN: 26 Sep 2003
 Entered Medline: 25 Sep 2003